



Portland Harbor BERA team call Thursday , September 13, 10 am PDT to discuss government team risk management memo nonresponsive passcode nonrespon

Burt Shephard to: Chip Humphrey

09/12/2012 05:54 PM

AEbbets, ANDERSON.Jim, audiehuber, bob, "Brandy Humphreys",
Cc: colin, Alanna Conley, cunninghame, dallen, Dan Phalen, DBeltman,
Elizabeth Allen, frenchrd, "GAINER Tom", genevieve.angle,

History: This message has been replied to.

Hello all,

Have a short agenda for tomorrow's call. Some questions have come up in the last week regarding ecological PRGs for DDT, DDD, DDE and/or total DDx. This is partly in regard to the Arkema EE/CA, as brought up by Jennifer Peers last week (kudos to Jennifer), and partly as part of the review of Appendix P of the draft FS. We will likely have to come up with the ecological PRGs for the DDx complex sooner rather than later, as well as map out locations with PRG exceedances.

As a start, here are some of the benthic PRGs we calculated previously.

ECO

Sum DDD (Eco Benthic) PEC SQG 28 ug/kg Point by Point.

Benthic SQG that will be further evaluated in comprehensive benthic approach.

Sum DDE (Eco Benthic) PEC SQG 31.3 ug/kg Point by Point

Benthic SQG that will be further evaluated in comprehensive benthic approach.

Sum DDT (Eco Benthic) PEC SQG 62.9 ug/kg Point by Point

Benthic SQG that will be further evaluated in comprehensive benthic approach.

Total DDx Eco Benthic FPM High SQG 218 ug/kg Point by Point

Benthic SQG that will be further evaluated in comprehensive benthic approach.*

Total DDx Eco Benthic PEC SQG 572 µg/kg Point by Point

HH PRG

Sum DDE HH Adult Fish Consumption, Small Mouth Bass (Low IR, 10^{-5}) 8.8 ug/kg 1 RM

We can augment these with PRGs based on bird egg, fish tissue and logistic regression lines of evidence lines of evidence, and may be able to derive for some of the wildlife dietary exposure routes.

Looking forward to talking with everyone tomorrow.

Best regards,

Burt Shephard
Risk Evaluation Unit
Office of Environmental Assessment (OEA-095)
U.S. Environmental Protection Agency, Region 10
1200 6th Avenue
Seattle, WA 98101

Telephone: (206) 553-6359
Fax: (206) 553-0119

e-mail: Shephard.Burt@epa.gov

"Facts are stubborn things"
- John Adams